

Listing of Claims

What is Claimed:

1. (Currently Amended) A process for manufacturing composite sheets, in which:
 - a web of yarns, in the form of a mat of continuous yarns, a woven, a knit or an assembly of continuous non-interlaced yarns, is continuously deposited on a moving substrate, ~~this~~ the web comprising at least one organic material and at least one reinforcing material;
 - a powder of an organic material capable of forming a coating layer under the action of heat is deposited on at least one side of said web;
 - the web coated with the powder is heated to a temperature sufficient to melt the powder;
 - the web is compressed and cooled so as to form a composite strip; and
 - the strip is cut in the form of sheets or wound up on a rotating support.
2. (Currently Amended) The process as claimed in claim 1, *characterized in that* the powder consists of particles of a ~~thermoplastic or~~ material selected from a group consisting of thermoplastic material and thermosetting material.
3. (Original) The process as claimed in claim 2, *characterized in that* the thermoplastic material is selected from polyolefins, polyamides, polyesters and PVC.
4. (Original) The process as claimed in claim 2, *characterized in that* the thermosetting material is selected from epoxies, polyesters, polyurethanes and phenolic compounds.
5. (Currently Amended) The process as claimed in ~~one of claim 2~~ ~~claims 1 to 4~~, *characterized in that* the web comprises between 20 and 90%, preferably between 30 and 85%, by weight of reinforcing material.
6. (Currently Amended) The process as claimed in ~~one of claim 5~~ ~~claims 1 to 5~~, *characterized in that* the reinforcing material is glass, carbon or aramid.
7. (Currently Amended) The process as claimed in ~~one of claim 6~~ ~~claims 1 to 6~~, *characterized in that* the web comprises at least 50% by weight of intermingled yarns of glass filaments and of filaments of a thermoplastic organic material.

8. (Currently Amended) The process as claimed in ~~one of claim 7~~~~claims 1 to 7~~, ***characterized in that*** the web is exclusively in the form of wovens or of continuous non-interlaced yarns.

9. (Currently Amended) The process as claimed in ~~one of claim 8~~~~claims 1 to 8~~, ***characterized in that*** the powder is deposited on the web in an amount sufficient to produce a final coating layer with a thickness of between 0.3 and 1 mm, preferably between 0.6 and 0.8 mm.

10. (Currently Amended) The process as claimed in ~~one of claim 9~~~~claims 1 to 9~~, ***characterized in that*** at least one intermediate structure is deposited on at least one side of the web, before the powder application step.

11. (Original) The process as claimed in claim 10, ***characterized in that*** the structure is selected from yarns or yarn assemblies, films, veils, sheets, panels and foams.

12. (Withdrawn) An installation for manufacturing a composite sheet comprising:

- a) at least one device for feeding at least one web of continuous yarns;
- b) at least one powder coating device;
- c) at least one device for heating the powder-coated web; and
- d) at least one device for compressing, and optionally cooling, the web.

13. (Withdrawn) The installation as claimed in claim 12, ***characterized in that*** it furthermore includes at least one cutting device and/or at least one collecting device for the composite sheet.

14. (Withdrawn) The installation as claimed in claim 12 or 13, ***characterized in that*** the powder coating device is a roll provided with grooves or with nips, a doctor blade or an electrostatic powder coater.

15. (Withdrawn) The installation as claimed in one of claims 12 to 14, ***characterized in that*** the devices c) and d) form part of a double belt press or of a double belt laminator.

16. (Withdrawn) A composite sheet obtained by the process as claimed in one of claims 1 to 11, *characterized in that* it is provided on at least one of its sides with a coating layer with a thickness of between 0.3 and 1 mm, preferably 0.6 and 0.8 mm.
17. (Withdrawn) The sheet as claimed in claim 16, *characterized in that* it has a thickness varying from 1 to 10 mm, preferably from 1 to 6 mm.
18. (Withdrawn) The use of the composite sheet as claimed in claim 16 or 17 for the manufacture of transport vehicle panels, especially truck, trailer or container panels.
19. (Withdrawn) A panel, especially for a truck, trailer or container, comprising a core coated on at least one of its sides with a composite sheet as claimed in either of claims 16 and 17.
20. (Withdrawn) The panel as claimed in claim 19, *characterized in that* the core is a wooden board or a sheet of thermoplastic or thermosetting foam, or a cellular structure based on aluminum, paper or polypropylene.
21. (Withdrawn) The panel as claimed in either of claims 19 and 20, characterized in that it has a thickness varying from 2 to 100 mm